

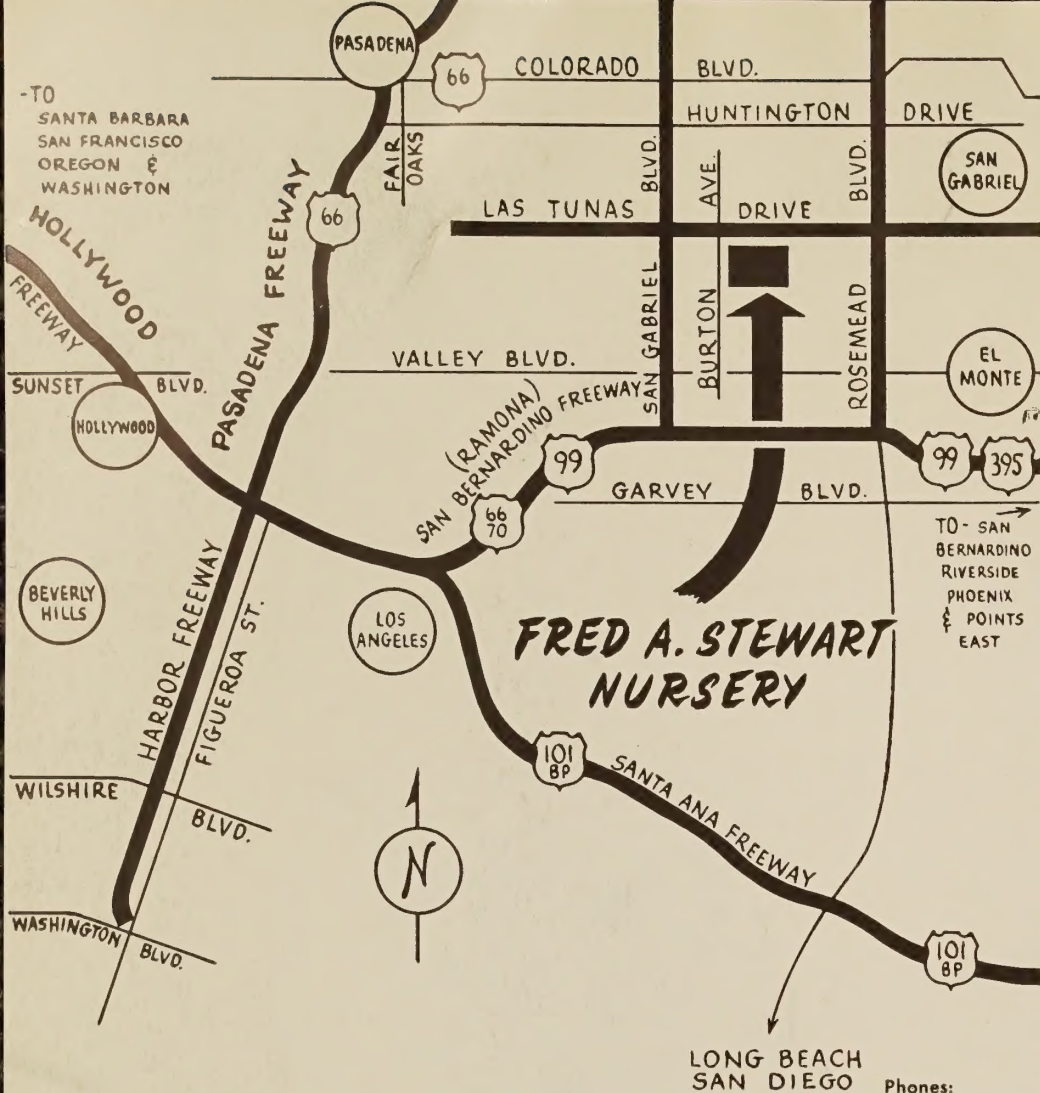
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c 1956
Cat. #30

Cymbidium

San Gabriel, Calif.

LIBR
RECI
★ MAR 27 1956
U. S. Department of

Fred A. Stewart



8606 EAST LAS TUNAS DRIVE
SAN GABRIEL, CALIFORNIA

Phones:
ATlantic 7-8974
ATlantic 7-0015

Fred A. Stewart

*Quality Plants ARE EASY TO GET
NO MATTER WHERE YOU LIVE*

Though we would like to have you come to our nursery and select your plants, we ship every week to all parts of the United States and the world. No order is too small for our most careful consideration. By expert packing we assure safe arrival anywhere.

COVER ILLUSTRATION —

BALKIS, 'SILVER ORB,' AM.AOS., Silver Medal Cymbidium Society
(Alexanderi, 'Westonbirt,' FCC.RHS. X Rosanna)

This superb tetraploid is perhaps the most promising new parent in the world today. It is our number one parent and has been used by us in over a dozen new crosses. Each year as they reach size more are offered.

STEWARTS IS EASY TO REACH

We are 15 minutes east of the center of Los Angeles. If you are coming from Los Angeles, take the San Bernardino freeway to San Gabriel Blvd. turn off (north bound), go north several miles to Las Tunas Drive; turn right $\frac{3}{4}$ miles to Nursery. We are on main Blvd.

* * * *

FOREIGN CUSTOMERS

We are experienced in shipping to overseas countries. Each week of the year our shipments go out to the corners of the world. With the speed and convenience of air shipment plants reach any place in the world in a couple of days at most after they leave our nursery. If you live in an area where Cymbidiums, Cattleyas, or Cypripediums grow we sincerely would like to be of service to you.

* * * *

THE STEWART REPUTATION . . .

We have built an international reputation for the fine quality of our exhibition and stud stock. Here we have gathered hundreds of the worlds finest Cymbidiums. While this catalog lists mostly seedlings, all of our vast stocks of proven varieties are available for your selection. From time to time we send out special listings of these exhibition varieties. We are always happy to send these lists on special request. . . .

* * * *

In the spring Cymbidium lovers come from all over the world to see the tens of thousands of blooms in our houses. This is a time to make many of your personal selections.

Fred A. Stewart

HYBRIDIZER - GROWER

CYMBIDIUM CATALOG #30

"Your Satisfaction Is Our Business"

We take pleasure in presenting this new list and we thank our numerous clients for their valued interest and support. We solicit their continued confidence and patronage, which shall have our most conscientious and personal attention.

* * * * *

There are no lovelier orchids than Cymbidiums, and there are no finer Cymbidiums than those to be seen at our greenhouses. Our policy is to be rigidly selective, and to place emphasis on quality rather than quantity. We are constantly and aggressively in the market for finer proven stud plants. A great number of internationally famous plants are to be seen in our greenhouses. It is also recognized that our seedlings have received gratifying recognition and a liberal share of awards throughout America. To this prized collection, experienced care and supervision, specialized growing techniques, ideal climate, and the most modern plant and equipment have been combined to achieve the maximum in plant growth and flower production.

Our policy is to breed the best in new crosses using recognized parent stock of outstanding quality.

What's All This About Chromosomes?

HOW THE PRINCIPLES OF MODERN DAY GENETICS ARE APPLIED TO ORCHID BREEDING

All living things, both plant and animal, have the same mechanism of inheritance. In each cell of a plant or animal regardless of what organ it might be in, there is that individual basic number of chromosomes. The chromosomes in turn are made up of genes. The genes are the characteristics of the individual. At the time a cross is made half of the chromosomes are inherited by the progeny from either parent. Except for environmental influences every characteristic of a plant is the result of inheritance from the parents.

In recent years this fact has almost universally been accepted by orchid growers. Progressive orchid growers have also found that there is a relationship between a certain genetic structure and superior quality. It has been proven that most of today's fine Cymbidiums are triploids. The normal number of chromosomes in Cymbidiums is 40. Cymbidium *Alexanderi*, 'Westonbirt,' however, is what is known as a tetraploid - that is, it has twice the normal number of chromosomes, or 80. Now, when *Alexanderi*, 'Westonbirt,' or any other tetraploid, is crossed with a diploid (40 chromosomes), half of each parent's chromosomes are given to the progeny, or a total of 60. Plants with this count are called triploids. Triploids, for reasons not well understood, are noted for their fine vigor, fine flowers, and free blooming qualities. Most crosses that we raise at Stewart's are triploids; however, tetraploid and diploid crosses are also raised in limited quantity. Tetraploids are extremely valuable for breeding and diploid hybrids of finest parents are extremely valuable for their high color. While triploids are clearly the most satisfactory type for many reasons, they are of little if any value as a parent because they are almost completely sterile. Even when they do give seed due to the uneven inheritance of chromosomes, the resultant seedlings are mostly poor growers, many dying at an early age.

Laboratory Control

As certain genetic structure is so important in assuring maximum quality, all crosses made at Stewart's are made from laboratory checked parents along genetically sound principles. Plants from each batch of seedlings are counted to see if their chromosome counts are according to the calculations for the cross. Before a parent is used we determine its chromosome structure. These counts are made by skilled technicians using a high powered microscope that costs thousands of dollars.

Experienced Combined with Science

Recognizing the vast variations in nature, we realize that the laboratory alone cannot turn out a good cross. Experience with how certain parents perform is absolutely necessary in breeding fine orchids. We feel experience combined with the sound principles of modern day genetics, gives maximum assurance of producing the finest orchids obtainable anywhere.

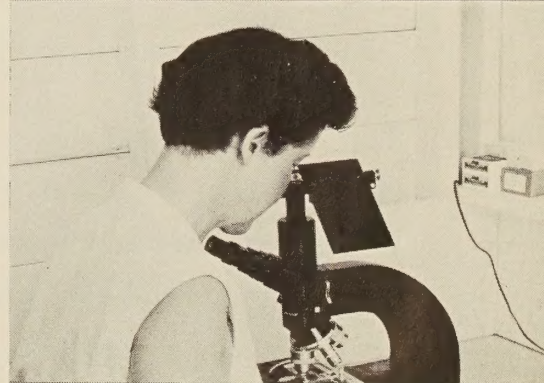
We are confident when we say that you will have orchids such as you have never seen before when you buy from such parents as *Alexanderi*, 'Westonbirt,' *Balkis*, 'Silver Orb,' *Babylon*, 'Castle Hill,' *Early Bird*, 'Pacific,' *Profita*, 'Mardi Gras,' and others.

Cymbidiums are easy to grow. The rare beautiful flowers which are borne on graceful arching or upright spikes, have unexcelled lasting qualities, both on the plant or in water when cut. The flowers present a wide range of colors. The color range includes white, pink, red, ivory, yellow, gold, bronze, and varying shades of green. The average lath house or a partially shaded area under trees provides a good growing location. In general, conditions acceptable to plants requiring an acid soil condition such as *Camellias*, *Begonias*, or *Azaleas* are suitable for Cymbidiums. The plants have demonstrated their ability to grow and thrive under widely different conditions and can stand temperatures down to freezing without damage.

* * * * *

To those who grow *Cypripediums* and *Cattleyas* and their allied hybrids, we wish to state that our collection of these is among the finest. We have catalogs devoted entirely to these genera which we will be happy to send on application.

No Finer Cymbidiums Available ANYWHERE





Swallow 'Southern Star'

A NEW WHITE
tetraploid
PARENT...

The newest and finest strain of SWALLOW is the Tetraploid Strain bred from Alexanderi, 'Westonbirt,' FCC.RHS. X Pauwelsii, Comte d' Hemptinne, FCC.RHS.

We have bred this Swallow with Pixie 'Sagamore' a glorious coppery flower with a big dark crimson banded lip.

#1529

PIXIE 'Sagamore' X SWALLOW 'Southern Star'

Rich yellows with fine maroon banded lips. Many will have lovely air brushings of bronze over the yellow tones. Some pinks.

Fine get up and grow plants, 12"-14" leaf length.....\$5.00



TETRAPLOID SWALLOWS

By Popular Demand — A Remake

Bred from the two famous

TETRAPLOID PARENTS

Alexanderi, Westonbirt, FCC.RHS.

by

Pauwelsii, Comte d' Hemptinne, FCC.RHS.

This is our cross

#1518.....

A success story in breeding and popularity.

Robust Growers

Yellows

Pinks

Whites

Tetraploid Swallow price
Strong plants, 6-8 inch leaf
length, each.....

\$350

12"-14" leaf length.....\$5.00

#1514

ESMERALDA, AM.RHS. X

CLARE ARMSTRONG #845

From many hundreds of fine Clare Armstrongs we were able to obtain a fine green tetraploid form to use for breeding. This splendid variety has large flowers of fine form and heavy substance. Sepals and petals are clear pastel green while the shapely lip is heavily banded and spotted rich crimson. A green tetraploid Cymbidium is among the most sought after of all Cymbidium stud plants. We are pleased to offer this fine parent in combination with the famous Esmeralda, AM.RHS., which has already established a reputation for breeding clear colored hybrids with long graceful spike habit. We have taken a chromosome count on a number of seedlings of this cross and have found them to be triploids. It is a characteristic of triploid varieties to have large size, in many cases, flowers larger than either parent. We are raising quite a block of this cross and feel that those who know good Cymbidiums will definitely add this cross to their stocks.

Sturdy plants, 12-14 inch leaf length.....\$5.00



CLARE ARMSTRONG (See #1514)



Fine Cymbidiums are now for Everyone!

Yes . . . Flowering Size proven Exhibition Quality Cymbidiums at prices within your budget.

CLARE ARMSTRONG

(Alexanderi, Westonbirt, FCC.RHS. X Mirella)

Yellows — Most with maroon bar on lip. Vigorous, free flowering.

SWALLOW

(Alexanderi, Westonbirt, FCC.RHS. X Pauwelsii)

Wonderful — Free Flowering — Vigorous. Whites — Yellows — Some with pink tones.

PERI

(Pauwelsii, Comte d' Hemptinne, FCC.RHS. X President Wilson, 'Westonbirt,' AM.RHS.)

Rich yellows with bronze overtones wonderfully free flowering.

FALCON

(Alexanderi, Westonbirt, FCC.RHS. X President Wilson)

Yellows — Vigorous free blooming.

JASON

(Miranda X Alexanderi, Westonbirt, FCC.RHS.)

Whites — Fine shape and substance.

Robust - Well established mature size plants — at least 3 mature bulbs each, for only **\$35.00** EACH
or two for \$60.00

PRICES QUOTED ARE NET



ALEXANDERI, 'WESTONBIRT'
FCC., RHS., 1922

Tomorrow dawned over 30 years ago!

New lines of breeding are seldom as new as most people think . . . The fine hybrids that are now available to *everyone* became a reality with the discovery of ALEXANDERI, 'Westonbirt' in 1922. What is now possible in modern genetic hybridization is not the result of sudden discovery but the application of vast experience and proven genetic principles developed through the years.

Beyond a doubt ALEXANDERI, 'Westonbirt' has contributed more to breeding fine Cymbidiums than any other parent.

Each year we use this fine plant in new combinations to breed still finer new crosses or to remake superior proven ones. This plant is known to the geneticists as a TETRAPLOID, which means that it has generally twice the influence in a cross than has the other parent, thus its superior qualities are dominant.

*If quality has a place in your collection . . .
'Westonbirt' Hybrids are a must!*

- 1926 ALBANIA
- 1927 ATLANTES ROSANNA
- 1929 BALDUR CYGNUS
- 1930 JASON
- 1931 CASSANDRA OLYMPUS
- 1932 FALCON DORCHESTER
- 1933 ARABELLA II AUREOLE JADE JUNGFRAU
- 1934 MADONNA
- 1935 JANETTE NADINA
- 1936 BODMIN MOOR
- 1938 PRINCESS ELIZABETH
- 1940 NEFERTITI
- 1942 ETHEL WARD WATER RAIL
- 1943 JOAN OF ARC
- 1945 ALMERALDA AILEEN WESTMERE
- 1946 ALDIS LAMP MAGNIFICENT
- 1947 SANTA BARBARA ADELE SANDER
- 1948 JENA BAILEY CLARE ARMSTRONG
- 1949 LADY MOXHAM
- 1951 ALEXFRIDA
- 1952 DEL ROSA
- 1955 SHIRAZ

Alexanderi 'Westonbirt' SEEDLINGS

IN A RAINBOW OF COLOR COMBINATIONS

... We have crossed this superb parent with over a dozen of the brightest, most colorful diploid parents to obtain sturdy growing, dependable *triploid* crosses.

Reds, bright yellows, vivid greens, orange and white parents have all been bred with 'Westonbirt' to make the superb group offered here.

Laboratory Checked!

Our laboratory has checked a number of plants of each cross offered and found them to be *triploids* with chromosome counts of 60.

#1426

ALEXANDERI, 'Westonbirt,' FCC.RHS. X
SUSSEX var. LAELIA SASSO

In our search for the finest, most highly colored Cymbidiums to breed with Alexanderi, 'Westonbirt,' FCC.RHS., we used Sussex var. Laelia Sasso. This large, shapely, heavy textured, copper colored variety should give many fine yellows, orangy yellows, and multi-colored hybrids, all with fine shape, substance, and texture to be expected in a cross of this type. Again, in order to acquaint our customers with famous hybrids along these same lines, we mention such crosses as Water Rail, Westpark, Lady Moxham, and Jena Bailey.

Sturdy plants with 12"-14" leaf length.....\$5.00

#1415

MIRETTA, 'Glendessary' X
ALEXANDERI, 'Westonbirt,' FCC.RHS.

The beautiful and famous prize green Miretta has been combined here with this most famous of all parents. Its lively green coloring should give maximum assurance of clarity in color in all forms of this cross. This new, best selling, Cymbidium hybrid should display a winning blend of pastel tones from sparkling greens through to luminous yellows and exquisite whites.

Sturdy seedlings with 12 to 14 inch leaf length.....\$5.00



#1501

VERONA, 'Ruby' X
ALEXANDERI, 'Westonbirt,' FCC.RHS.

Verona, 'Ruby,' fittingly named for the rich ruby coloring of the shapely lip enhanced by the lovely, warm, pink coloring of the sepals and petals of this large flowered variety. Next to color, one of the chief attractions of this variety is its fine vigor, size, and promise of free flowering qualities. Seedlings of this cross we have counted have proven to be triploids, and we offer it with confidence to those who want maximum quality in a Cymbidium with a pink to white expectancy. Expect many seedlings here to have the sought after red band on lip.

Sturdy seedlings with 12 to 14 inch leaf length.....\$5.00

#1509

REGINALD, 'Sunmaiden' X
ALEXANDERI, 'Westonbirt,' FCC.RHS.

Reginald, 'Sunmaiden,' is a glorious, richly colored, orange-yellow Cymbidium of large size. The beautiful, shapely lip is the same color as the sepals and petals with a rich crimson band on its basal portions. The color of the band shades lightly into pink along its margins. This striking variety bears its flowers well spaced on long, arching sprays. Cymbidium breeders have found that it is important to breed high color with Alexanderi, 'Westonbirt,' in order to get the most outstanding results. Expectancy: Large flowers of good shape with colors ranging from orange through yellows to pinks and whites.

Sturdy seedlings with a leaf length of from 12 to 14 inches.....\$5.00

#1474

JADE (Pearl, 'Mastiff' X
Alexanderi, 'Westonbirt,' FCC.RHS.)

Lovely greens, flashing yellows, and sparkling whites, reminiscent of the Orient. This exotic hybrid gives promise of being as treasured as its namesake. Pearl, 'Mastiff,' has the distinction of being one of the darkest greens but still retains its clarity of coloring. This variety has long arching sprays of large, heavy textured flowers. Shapely lips are clear yellow and carry intense band of crimson on their margins. Here again, as is our practice, these seedlings have been Laboratory Checked. Plants checked have been found to be the desired triploids.

Sturdy Seedlings, 12 to 14 inch leaf length.....\$5.00

#1516

CONSTANCE FLORY, fine red variety X
ALEXANDERI, 'Westonbirt,' FCC.RHS.

A real *red* bred by Alexanderi, 'Westonbirt.' The burning scarlet color of this Constance Flory should give maximum assurance of the warm pink coloring that is so sought after in a Westonbirt hybrid. Constance Flory is one of the best of the more recent hybrids. The breeding is Chiron, 'Olive,' X Edzell, 'John Linford,' FCC.RHS. We offer this cross with every confidence to those who desire fine breeding and clear pink coloring.

Sturdy plants, 12 to 14 inch leaf length.....\$5.00

#1517

DORIS AUREA, fine dark red variety X
ALEXANDERI, 'Westonbirt,' FCC.RHS.

Take the finest, clearest colored red Cymbidium you can find and cross it with Alexanderi, 'Westonbirt,' FCC.RHS., and the results are such hybrids as Firebird, Aldis Lamp, Louis Sander. It has been proven that the results of a cross such as this are some of our finest, clearest colored pink and rose hybrids with all the desirable characteristics of the Alexanderi, 'Westonbirt' parent. This cross represents the latest and one of the most successful lines of breeding color and quality.

Sturdy plants, 12"-14" leaf length.....\$5.00



JADE (See #1474)

Here is a Cross that has Quality
and *Really Grows!*

#1405

RUSPER, 'Navajo' X

ALEXANDERI, 'Westonbirt,' FCC.RHS.

The Rusper var. Navajo which was selected to combine with Alexanderi, 'Westonbirt,' is a luminous apricot with flaming undertones which make the color sparkle. The large, shapely lip of this variety is generously banded dark crimson on its basal portions. We expect noteworthy results from this cross, as some of the most successful recent hybrids have closely followed this line of breeding. As could be expected, all seedlings are exceptionally vigorous. The color range will be through pastel shades of yellow to apricot. As can be expected from all primary hybrids of Alexanderi, 'Westonbirt,' a number of fine whites will add to the desirability.

Sturdy plants, 12 to 14 inch leaf length.....\$5.00

#1457

NELL GWYNNE, 'Phantasy' X

ALEXANDERI, 'Westonbirt,' FCC.RHS

We have combined another popular and unusual form of Nell Gwynne with Alexanderi, 'Westonbirt,' to make what we feel will be a cross comparable to that new and popular cross, Almerelda, which was the result of crossing Esmeralda, Award of Merit variety, X Alexanderi, 'Westonbirt,' FCC.RHS. Forms of this cross can be expected to have the large size, fine substance and texture of a good Westonbirt hybrid. The color range can be expected to be mostly through yellows with some peach and apricot shades. Very restrained, almost pastel lip markings can be expected to be another characteristic of this cross. Another well known cross which has been bred along the same lines is Cymbidium Tityus. The breeding here is Alexanderi, 'Westonbirt,' FCC.RHS. X Woodham-sianum concolor. Understandably, seedlings of this cross are very robust.

Sturdy plants with leaf length 12 to 14 inches.....\$5.00

SPECIAL GROUP OFFERING

One Each or 14 of Your Selection of the 14 magnificent Alexanderi, 'Westonbirt,' hybrids.....**FOR ONLY \$5900**
(A \$70.00 List Value — You Save \$11.00)

You Select 7 Plants in any combination.....**FOR ONLY \$3000**
(A Saving of \$5.00)

#1535

ROSETTE, 'Green Gold' X
ALEXANDERI, 'Westonbirt,' FCC.RHS.

This is the brightest, clearest, iridescent lemon green Rosette we have ever seen. It carries its flowers beautifully spaced on extremely long erect flower spikes. Size, production, and clear color are important in modern day hybrids. It is for these reasons that we can recommend this as an outstanding hybrid for exhibition and for cut flower production. Cymbidiums in yellow shades primarily. Some eye catching white varieties can be expected also.

Sturdy seedlings with 12 to 14 inch leaf length.....\$5.00

#1521

ALEXANDERI, 'Westonbirt,' FCC.RHS. X PROFITA, 'Mardi
Gras,' Bronze Medal Cymbidium Society

Here is an entirely new cross that we have never offered before. This robust hybrid brings together the time tested tetraploid Alexanderi, 'Westonbirt,' FCC.RHS., and our colorful, strikingly large diploid Profita, 'Mardi Gras.' The tetraploid x diploid combination has definitely been proven to be the best all around cross for exhibition and commercial qualities. We are confident of a high percentage of beautifully formed, heavy textured large pinks and whites well spaced on strong, upright spikes.

12"-14" leaf length.....\$5.00

#1448

ALDIS LAMP, Stewart's Strain
(Alexanderi, 'Westonbirt,' FCC.RHS. X
Carisbrook, dark red variety)

This is a repeat on a highly successful recent cross. Where reds have been used in combination with Alexanderi, 'Westonbirt,' FCC.RHS., the results have been outstanding. The Carisbrook which was used is a shapely, very dark red. As could be expected, the seedlings of this cross are extremely sturdy growers and we have every confidence for an outstanding pink hybrid on the order of Cooksbridge, Alexfrida, and Westmere. See color cut.

Sturdy plants, 12 to 14 inch leaf length.....\$5.00

#1472

BODMIN MOOR, 'Stewart's Strain'
(Erica Sander, 'Bowman' X Alexanderi,
'Westonbirt,' FCC.RHS.)

We don't know how this famous cross could be re-made with finer parents. The Erica Sander, 'Bowman,' was the finest chartreuse in the Santa Barbara show the year this cross was made. Clear yellows, greenish-yellows, and whites are the color range of this ever popular, sturdy growing hybrid.

Sturdy seedlings, 12 to 14 inch leaf length.....\$5.00



ALDIS LAMP (See #1448)

IMPORTANT . . . This cross was bred for those who demand a fine *white* Cymbidium of especially good shape . . .

#1383

ALEXANDERI, 'Westonbirt,' FCC.RHS. X
EAGLE, 'Heritage'

Some of the finest progeny derived from Alexanderi, 'Westonbirt,' have been where this famous parent was used in combination with whites. Here we selected our famous proven diploid Eagle, 'Heritage,' to mate with Alexanderi, 'Westonbirt.' The combination of these two should give maximum assurance of especially shapely whites and whites with light pink shadings. These two colors have been proven to be the most popular whether for show or for the cut flower market. Taxonomically this is a repeat on Jungfrau; however, genetically the cross should resemble Princess Elizabeth, Nefertiti, Jason, Olympus, and other similar type Westonbirt hybrids.

LABORATORY CHECKED: We have counted a cross section of this cross. Seedlings counted have been found to be triploids.

If you want a fine white this cross was bred for you.

Robust, sturdy seedlings
with 12 to 14 inch leaf length.....\$5.00



TINSEL, 'SUN FLAME,' Bronze Medal Cymbidium Society (See #1508)

BABYLON, *Are*

#1508

TINSEL

(Pearl, 'Magnificum,' FCC.RHS. X
Babylon, 'Castle Hill,' FCC.RHS.)

Decorate your exhibition table with Tinsel. This scintillating new hybrid seems to have captured the illusive sparkle of its namesake in the bold, upright spikes of luminous pink and yellow flowers. Many of these exquisite forms will have eye catching overtones of peach and coral shadings, with the unmistakable trademark of a 'Castle Hill' hybrid etched in the large, spectacularly marked lips. Tinsel has already proven itself to the collector of rare, exhibition types and to the commercial grower who looks to it for classic form, large size, good colors, and most important to him, exceptionally dependable production. We can think of few other hybrids as promising as this remake of this new but already internationally famous hybrid.

#1527 — A favorite of those who know good breeding
ESMERALDA, AM.RHS. X BABYLON,
'CASTLE HILL,' FCC.RHS.

Esmeralda is what is known as a concolor, that is, the flower is practically all the same color—a clear, light greenish yellow. Because it can be depended on to impart its clear coloring, free of muddy tones, we combined it with Babylon, 'Castle Hill.' We expect many beautiful shades of pink, pinkish-yellows, yellows, and even some light greens. The seedlings are fine growers. The seedlings we have counted of this cross have been Triploids.

Page Eight

#1530

ROSETTE, 'GREEN GOLD' X BABYLON,
'CASTLE HILL,' FCC.RHS.

We expect this to be comparable to Cymbidium Tinsel. Where Pearl, 'Magnificum,' FCC.RHS., was crossed with Babylon, 'Castle Hill,' FCC.RHS., to make Cymbidium Tinsel, we selected the finest form of Rosette that has come to our attention. Rosette is bred from Pearl, 'Magnificum,' FCC.RHS. This lovely variety has large flowers of fine shape. Sepals and petals are iridescent lemon green. The shapely lip is attractively banded with small dark crimson dots along its margin. Especially worthy of mention here, too, is the outstanding erect spike habit. The flowers are well spaced and carried to maximum advantage on the stem.

'Castle Hill' HYBRIDS

the "NEW LOOK" in *Cymbidiums*...

Bred from the *tetraploid* Babylon, 'Castle Hill,' FCC.RHS., this new type of hybrid is generating much public excitement.

It's no wonder — when you see 'Castle Hill' hybrids — that these are the hybrids everyone is asking for.

Within the last several years Babylon, 'Castle Hill,' crosses have received more awards from the Royal Horticultural Society than any other line of breeding. Truly this is a "success story" and is convincing proof of Castle Hill Hybrids' superiority.

- Real "Get up and Grow" vigor.
- Big Flowers of classic form.
- Dependable production — tall spikes with lots of flowers.
- Sparkling and delightful new color combinations.
- The distinctive Babylon, 'Castle Hill,' lip is the trademark of these superb hybrids.

'CASTLE HILL' HYBRIDS — *Triploids*

We have counted a cross section of each cross offered and have found them to be the desired structure that gives maximum assurance of quality combined with vigor and production.

***Look to Babylon for Cymbidiums
such as you have never seen before !***

Sturdy seedlings all
Babylon, 'Castle Hill,' crosses
12-14 inch leaf length, each.....

\$ 5⁰⁰

#1513

VERONA, 'RUBY' X BABYLON
'CASTLE HILL,' FCC.RHS

Our best bet in Babylon Hybrids for fine, free flowering pinks. We selected the excellent and colorful variety of *Cymbidium* Verona used here with the confidence that it would pass on to its progeny the massive ruby red lip and clear pink coloring of its sepals and petals. As Babylon, 'Castle Hill,' FCC.RHS., is itself an outstanding parent for imparting substantial lips to its progeny, in combination with Verona, 'Ruby,' we feel the result here should be spectacular to say the least. All shades of pink to rose.

#1462

SUSSEX X BABYLON, 'CASTLE HILL,' FCC.RHS.

We can say that we have never seen a more prolific bloomer than the tawny orange form of Sussex which was used here. The combining of these two parents should result in exceptionally sturdy plants which produce cascades of large, heavily textured flowers in a gamut of colors, from a wide range of exquisite pink shades through to golden orange, old gold, peach, and combinations of these colors with base pink coloring. Because of the high percentage of pink blood in the Sussex parent, this should combine with the dominant color characteristics of Babylon to make shades of pink predominant in this cross.

#1473

CLAUDONA, 'LESH'S' X BABYLON,
'CASTLE HILL,' FCC.RHS.

We consider this cross to be one of our most promising hybrids bred from our famous Babylon, 'Castle Hill,' FCC.RHS. Though the form of Claudona used here was very large, clear greenish yellow with an exceptionally striking white lip generously banded crimson, this variety does have a considerable amount of red blood in its breeding. We make mention of this fact because in combination with the Babylon, 'Castle Hill,' FCC.RHS., which is to the pink shades, the results can be expected to be primarily clear rose and pink shades. In further reference to the Claudona parent, we must say that everyone who has seen this magnificent variety has commented on the distinctive striking character of the flower. It must be noted where a tetraploid parent such as Babylon, 'Castle Hill,' FCC.RHS., is used, quite often the other parent is overshadowed; however, here we can say that we believe the Claudona used to be a fine mate with Babylon. Vigor, free flowering, and clear pink coloring with a few yellow to greenish yellow shades are all qualities which can be counted on for this cross.

#1531

CAMBRIA, 'ALMYRA' X BABYLON,
'CASTLE HILL,' FCC.RHS.

One of the most striking, richly colored *Cymbidiums* we have ever seen has been mated here with the famous Babylon parent. Cambria, 'Almyra,' is a rich, burnished golden bronze with delicate red overtones. The flowers are of good size, beautifully carried on sturdy stems. The FCC.RHS. variety of this hybrid is rose red. We expect many forms of this cross to run to the rose red shades. Richness of coloring can be expected to be characteristic here.

BABYLON, 'Castle Hill' HYBRIDS

#1505

PLOVER var. Golden Gleam X

BABYLON, Castle Hill var., FCC., RHS.

Plover var. Golden Gleam is a bright, gleaming, luminous yellow rendered even more striking by the dark red maroon band carried along the margins of the lips. A narrow stripe of the same color is carried up the center of the lip to the base of the golden yellow crest. We are quite confident that these sturdy seedlings in a short period of time will mature and flower many beautifully colored pinks and yellow-pinks of especially clear coloring. Due to the yellow blood here, a certain number of predominately yellow forms can also be expected. We expect this to be very much on the order of that famous new hybrid Cymbidium Tinsel.

Sturdy plants, 12 to 14 inch leaf length.....\$5.00

#1411

ALTAIR, AM., RHS. X

BABYLON, 'Castle Hill,' FCC., RHS.

We are confident this cross will prove to be another illustrious progeny of the famous Babylon parent. Though most Tinsels are pink through to rose shades, some of the most noteworthy forms have come in the yellows. By joining the superb qualities of these two fine parents we hope to create a hybrid comparable to the already famous Tinsel which has a similar line of breeding. The color range will be predominantly pink; however, there will be many delightful variations ranging through pink with yellow and peach overtones, to primrose. Many forms will have delightful sparkling undertones with an elusive quality which is difficult to describe in print.

Sturdy plants 12 to 14 inch leaf length.....\$5.00

#1534

BLUE SMOKE, 'Beverly Glen,' Bronze Medal

Cymbidium Society X

BABYLON, 'Castle Hill,' FCC., RHS.

In the light of present evidence Babylon, 'Castle Hill,' is not as color dominant as such Tetraploid parents as Alexanderi, 'Westonbirt.' This gives the breeder a chance to combine this parent with various colored diploids and expect higher color than normal in the progeny. The green Blue Smoke used is considered the best of this cross. Some Triploid greens can be expected. Many yellow greens and pinkish yellows can be expected also.

Sturdy plants, 12"-14" leaf length.....\$5.00



CYMBIDIUM VERONA

For hybrids bred from richly colored parents such as this
see Cross Numbers 1501, 1426, 1476, 1462, 1405

Advanced

For those who want seedlings nearer flowering size we offer this selected group of more advanced plants. All have fine 'sought after' breeding that gives promise of many fine new varieties.

#1405

RUSPER, 'Navajo' X

ALEXANDERI, 'Westonbirt,' FCC.RHS.

The Rusper var. Navajo which was selected to combine with Alexanderi, Westonbirt var., is a luminous apricot with flaming undertones which make the color sparkle. The large, shapely lip of this variety is generously banded dark crimson on its basal portions. We expect noteworthy results as some of the most successful and noteworthy recent crosses have closely followed this line of breeding. As could be expected, all seedlings are exceptionally vigorous. The color range of this cross will be through pastel shades of yellow to apricot. As can be expected from all primary hybrids of Alexanderi, 'Westonbirt,' a number of fine whites will add to the desirability.

Sturdy plants, 12 to 14 inch leaf length.....\$5.00

Plants with first bulb.....\$7.50

#1336

VALE OF KASHMIR (Blue Smoke, 'Calumet' X

Claudona, 'Glendessary,' Bronze Medal

Cymbidium Society)

Another of our new crosses named after the storied and romantic green Vale of Kashmir in Northern India. The future for this new hybrid is one of the brightest we have seen. The few that have flowered were on small plants and had form and color as fine as any green we have seen to date. Seedlings are excellent growers and appear to have inherited the remarkably free flowering qualities of the Claudona parent. Claudona, 'Glendessary,' has consistently won awards at the shows since it was judged to be the most outstanding green at the Santa Barbara Cymbidium show. It also was awarded the coveted bronze medal from the Cymbidium Society.

Fine seedlings, 12" to 14" leaf length.....\$5.00

First bulb and growth.....\$7.50

Strong 2-bulb plants....\$15.00 Sturdy 3-bulb plants....\$22.50

Largest 4-bulb plants.....\$30.00

#1362

BLUE SMOKE, Stewart Strain

(Blue Smoke 'Calumet' X Blue Smoke 'Pernod')

Two of our very best forms of Blue Smoke were used to make a repeat on this famous green cross. The original parents of Blue Smoke were Lowianum, Pitts var. X Mirabel, AM.RHS. We believe that this cross will produce many greens comparable to the best Blue Smokes, in some cases perhaps even better. The growth, as could be expected, is very strong.

Available in \$15.00, \$20.00 and \$25.00 Sizes
3, 4 and 5 Bulb Plants

Size Seedlings

#1415

MIRETTA, 'Glendessary' X

ALEXANDERI, 'Westonbirt,' FCC.RHS.

The beautiful and famous prize green Miretta has been combined here with this most famous of all parents. Its lively green coloring should give maximum assurance of clarity in color in all forms of this cross. This new, best selling, Cymbidium hybrid should display a winning blend of pastel tones from sparkling greens through to luminous yellows and exquisite whites.

Sturdy seedlings with 12 to 14 inch leaf length.....\$5.00
Plants with first bulb.....\$7.50

#1348

CALIFORNIA (*Blue Smoke*)

'Calumet' X Alexanderi, 'Westonbirt,' FCC.RHS.)

One of the newest of our crosses named after the golden state because of the rich yellow coloring of the first few that have flowered. Shape has been very good while substance and general qualities have been most excellent. All that have flowered so far have had crimson bar on lip. Cross gives every promise of being vigorous and free blooming. We have but a limited number of plants to offer.

Single bulb plants.....\$7.50
Especially large single bulb plants.....\$10.00

#468

NILA (*Esmeralda*, AM.RHS. X *Irina*, 'Celeste')

We have always held Esmeralda, AM.RHS., in highest regard as a parent because of its clearness of coloring. Since our previous catalog we have seen a number of plants of this cross flower and have been very pleased with the results. The plants are very sturdy growers. For those who wish clear colored greens of good size, fine shape, with maroon barred lip, we recommend this cross.

3-bulb seedling plants.....\$15.00 4-bulb.....\$20.00
Large bed grown specimen plants
of from 6-10 bulbs.....\$35.00 and \$45.00

#1462

SUSSEX X BABYLON, 'Castle Hill,' FCC.RHS.

We can say that we have never seen a more prolific bloomer than the tawny orange form of Sussex which was used here. The combining of these two parents should result in exceptionally sturdy plants which produce cascades of large, heavily textured flowers in a gamut of colors, from a wide range of exquisite pink shades through to golden orange, old gold, peach and combinations of these colors with base pink coloring. Because of the high percentage of pink blood in the Sussex parent this should combine with the dominant color characteristics of Babylon to make shades of pink predominant in this cross.

Sturdy plants, 12-14 inch leaf length.....\$5.00
Fine plants with first bulb and growth.....\$7.50



VALE OF KASHMIR (See #1336)

#484

SURABAJA (*Sussex*, fine dark gold bronze X *Pixie*, 'Carpentiers')

We have not seen a finer bronze or chocolate color than the Pixie used here. The seedlings we have flowered of this cross have had large size, fine shape, and had exceptional substance. The colors range from rich chocolate through to sun tan shades. In practically all cases the shapely lips have been yellow with almost black maroon bar on their margins. Plants of this cross appear to be remarkably free flowering throwing often two spikes to a single bulb. We recommend this cross highly to those who want the dark bronze shades.

Nice 2-bulb plants.....\$10.00
3-bulb plants.....\$15.00 4-bulb plants.....\$20.00

"PAY OFF" COLLECTION

JUST ABOUT TO FLOWER SEEDLINGS

In our breeding program we are often able to raise but a small block of a particular cross. These crosses sometimes surpass others raised in greater quantity. As these cannot be offered in the catalog at the regular listing they are offered here at a very special money saving price.

- Fine 3 to 5 bulb seedlings.
- To flower in one or two years.
- Our selection, satisfaction guaranteed.
- Labeled Hybrids.

Normal Catalog price from \$15.00 to \$25.00 ea.

Special Price \$12.50 each or 3 for \$29.50

New
COLORFUL *Profita, 'Mardi*



PROFITA 'MARDI GRAS,' Bronze Medal Cymbidium Society
(Profusion, 'Monarch' X Rio Rita, 'Redwing')

Gras' HYBRIDS

Experienced plant breeders and geneticists recognize the value of a fine diploid parent in breeding top quality orchids. We are proud to have this outstanding orchid in our famous collection of stud plants and feel that it will give rise to many wonderful hybrids.

Crosses Laboratory Checked —

Plants of cross numbers 1521 and 1445 which have been counted have been found to be TRIPLOIDS. Plants of cross number 1471, which was bred for richest color, were found to be DIPLOIDS.

#1445

PROFITA, 'MARDI GRAS,' Bronze Medal Cymbidium Society, X BALKIS, 'SILVER ORB,' AM.AOS, Silver Medal Cymbidium Society

This should be a happy combination of two of our foremost stud plants. The year this cross was made the Profita, 'Mardi Gras,' created a sensation throughout Southern California when it was judged the most outstanding Cymbidium at the San Diego Orchid Show. We are constantly aware of the importance of breeding for size whether for the cut flower market or the exhibition table. In this hybrid we have two of the largest, best formed parents of their types we can bring to mind. The expectancy here is for mostly pinks and whites well spaced on strong stems with many delightful pastel color combinations also.

CROSS NUMBERS 1471, 1521

Sturdy Plants
12-14 inch leaf length..... **\$500**

#1445 12"-16" leaf length..... **\$7.50**

EXTRA LARGE PLANTS

Cross Number 1471 with
First Bulb and Developing Growth..... **\$750**

Profita Seedlings Grow!

We have bred this superb plant with these three famous parents:

- Alexanderi, 'Westonbirt,' FCC.RHS.
- Balkis, 'Silver Orb,' AM.AOS., Silver Medal Cymbidium Society
- Carisona, 'Abundance'

#1471

PROFITA, 'MARDI GRAS,' Bronze Medal Cymbidium Society X CARISONA, 'ABUNDANCE'

Come, let's go to the Mardi Gras! For surely a carnival of color will be the result of this superb cross which was bred for highest color. Both parents used here represent the latest results of many generations of breeding high colored Cymbidiums. This new cross is fully expected to be another step in breeding hybrids of clear coloring, large size, and free flowering qualities. Profita, 'Mardi Gras,' is bred from Profusion, 'Monarch,' X Rio Rita, 'Redwing.' Carisona, 'Abundance,' is bred from Carisbrook, 'Brilliance,' FCC.RHS. X Cremona, 'Black Prince,' FCC.RHS. We wish to point out the Carisona parent's remarkably free flowering qualities. It is characteristic for this remarkable variety to have two sprays of approximately twenty flowers to the spray from a single bulb. Qualities of this sort can be inherited and we feel it can pass this on to its progeny. Carisona, 'Abundance,' has flowers of fine size and shape; sepals and petals are dark red with a narrow margin of white. The shapely lips are marked cherry red throughout most of their portions. Also in nice accent to the rest of the flowers are the yellow columns.

#1521

ALEXANDERI, 'WESTONBIRT,' FCC.RHS. X PROFITA, 'MARDI GRAS,' Bronze Medal Cymbidium Society

Here is an entirely new cross that we have never offered before. This robust hybrid brings together the time tested tetraploid Alexanderi, 'Westonbirt,' FCC.RHS. and our colorful, strikingly large diploid Profita, 'Mardi Gras.' The tetraploid x diploid combination has definitely been proven to be the best all around cross for exhibition and commercial qualities. We are confident of a high percentage of beautifully formed, heavy textured pinks and whites well spaced on strong upright spikes. This cross should have real size.

THERE ARE

Balkis, 'Silver Orb,'

SEEDLINGS IN YOUR ORCHID FUTURE !

There is no question that good breeding gives the best results and if ever a Cymbidium plant had fine parents our famous Balkis, 'Silver Orb,' can make that claim. Known throughout the Orchid World this superb *tetraploid* plant bred from Alexanderi X Rosanna gives promise of being as fine a parent, if not better than Alexanderi, 'Westonbirt,' FCC.RHS. or Rosanna, 'Pinkie,' FCC.RHS.

Balkis, 'Silver Orb,' flowered this spring with two erect spikes of magnificent flowers. The flowers measured 5" across and were pure sparkling white.

- Another remarkable quality of this parent is the ease with which it flowers.
- Balkis, 'Silver Orb,' seedlings grow!
- Balkis, 'Silver Orb,' seedlings are Polyploids (more than the normal number of chromosomes). All which have been counted have been either *triploids* or *tetraploids*.
- Most of the finest Cymbidiums today are Polyploids!
- Balkis, 'Silver Orb,' seedlings have been bred and are offered exclusively by Fred A. Stewart.



BALKIS, 'SILVER ORB,' AM.AOS.

#1480 LILLIAN STEWART

BALKIS, 'SILVER ORB,' AM.AOS.,
Silver Medal Cymbidium Society,
X CARISONA, 'GLENDESSARY'

Bred for large, clear pinks and whites. We regard this as one of our finest Balkis, 'Silver Orb,' crosses. The Carisona, 'Glendessary,' has very shapely dark rose flowers of excellent substance. The sepals and petals carry a crisp white margin which enhances the dark rose coloring. We have found this characteristic appears to be imparted to many of its progeny. This cross appears to be an ideal combination as far as vigor is concerned for the seedlings are extremely robust. The Carisona parent has proven to impart very free flowering characteristics also.

#1476

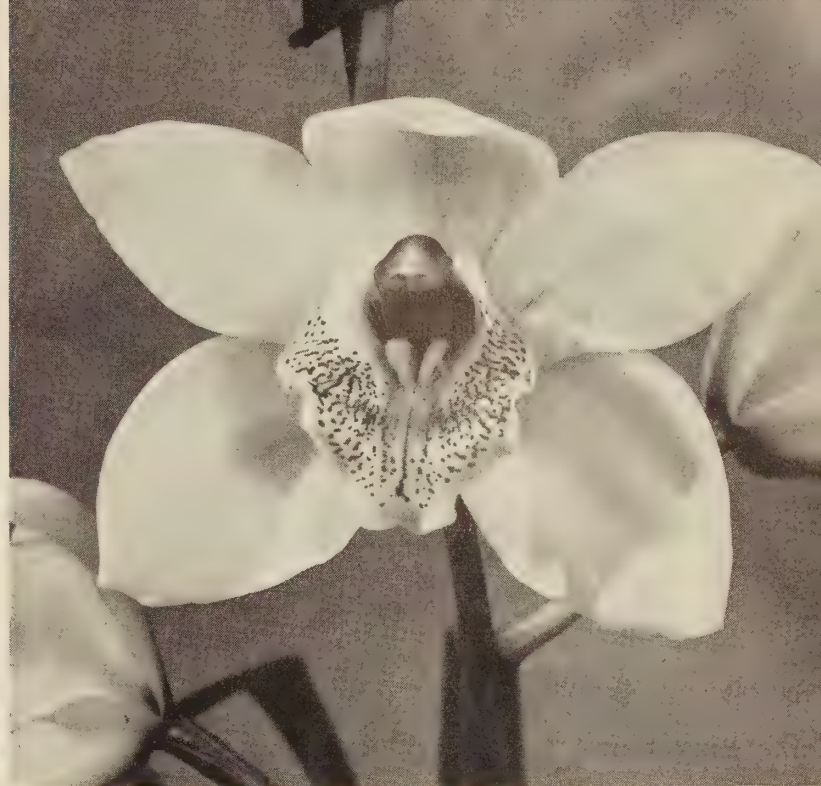
SUSSEX X
BALKIS, 'SILVER ORB,' AM.AOS.

We selected the Sussex used here with our famous Balkis, 'Silver Orb,' because of its outstandingly free flowering qualities and its shapely yellow flowers rendered striking by their crimson banded lips. The expectancy for this cross is a hybrid combining the qualities of the Balkis parent and the free flowering, many flower spray habit of the Sussex parent. Colors can be expected to range from white through to various shades of yellow and pastel pink shades.

#1445

PROFITA, 'MARDI GRAS,'
Bronze Medal Cymbidium Society,
X BALKIS, 'SILVER ORB,' AM.AOS.,
Silver Medal Cymbidium Society

This should be a happy combination of two of our foremost stud plants. The year this cross was made the Profita, 'Mardi Gras,' created a sensation throughout Southern California when it was judged the most outstanding Cymbidium at the San Diego Orchid Show. We are constantly aware of the importance of breeding for size whether for the cut flower market or the exhibition table. In this hybrid we have two of the largest, best formed parents of their types we can bring to mind. The expectancy here is for mostly pinks and whites well spaced on strong stems with many delightful pastel color combinations also.



BALKIS, 'SILVER ORB,' AM.AOS., Silver Medal Cymbidium Society

#1463

BLUE SMOKE, 'PERNOD,' X BALKIS,
'SILVER ORB,' AM.AOS., Silver Medal
Cymbidium Society

Balkis, 'Silver Orb,' bred to make a fine yellow. It has been proven repeatedly that when a diploid green is bred with a tetraploid white such as Alexanderi, 'Westonbirt,' or Rosanna, the resultant progeny are in the main yellows. President Wilson, Ispahan, Imbros, Flycatcher, Bodmin Moor, and Miranda, are all this type. Blue Smoke, 'Pernod,' is very vigorous and free flowering bearing shapely pernod green flowers with yellow lips heavily banded dark maroon. Though this cross can be expected to be primarily yellow, there will be some shadings to greenish yellows and even some whites.

#1506 LILLIAN STEWART

CARISONA, 'ABUNDANCE,' X BALKIS,
SILVER ORB,' AM.AOS., Silver Medal
Cymbidium Society

This cross should be very similar to our #1480. Here we have crossed Balkis, 'Silver Orb,' onto one of our very finest, most free flowering red Carisonas. As the name implies, the Carisona parent is a very free and profuse bloomer. Purchasers will find seedlings of this cross to be very robust growers. This is the first time this cross has been offered.

**PRICES FOR
BALKIS, 'SILVER ORB,' SEEDLINGS**

Seedlings of Cross Numbers

1476

1480

1506

1463

1445

Robust Plants

12 to 16 inch leaf length.....

\$750



PROFITA, 'MARDI GRAS,' Bronze Medal Cymbidium Society

Can't Wait?

Stewarts Special Listing of 9 New FLOWERING SIZE Bed Grown Crosses

These plants are growing in beds at our Santa Barbara growing grounds. They are all new strains that are gaining reputations for their quality.

These are the "just about to flower" plants that are so much sought after but seldom available. All plants can be expected to flower in one year or less. Plants will be lifted from the beds on order and shipped bare root. We will pot plants up and ship in pots if requested at no extra charge for potting.

#466

FANTASIA (*Babylon, 'Carpentier's' X
Susette, 'Perfection,' AM.RHS.*)

Practically all pinks, many of especially attractive raspberry coloring. See illustration on Page 18.

Fine medium size plants.....\$20.00
Large plants.....\$35.00; Extra large.....\$45.00

#1316

BODMIN MOOR (*Alexanderi, 'Westonbirt,'
FCC.RHS. X Erica Sander*)

New improved strain. Beautiful grower and wonderfully free blooming. Very shapely flowers — yellow and greenish yellow with a few whites. Splendid plants.

Medium.....\$25.00; Large.....\$40.00; Extra large.....\$50.00

YORK (*Shina Black X
Alexanderi, 'Westonbirt,' FCC.RHS.*)

Scarcely a bad one ever comes from this splendid new cross. Very vigorous and free flowering. Color range mostly shades of yellow to apricot and white. Attractively marked lips. Splendid plants.

Medium.....\$25.00; Large.....\$40.00; Extra large.....\$50.00
Superb specimen plants.....\$60.00

#1301

**ALEXANDERI, 'WESTONBIRT,' FCC.RHS. X
CONSTANCE FLORY**

Here is a cross that is just starting to flower. Have been some especially lovely pinks and whites.

Fine 4 bulb plants.....\$27.50
Larger 5-6 bulb plants.....\$37.50

#481

INDIAN BAZAAR (*Lapwing X Peri, 'Rogers'*)

This cross has been coming so good we have tried to remake it. Lovely large flowers in rich colors from yellow through orange shades. Fine vigor and spike habit.

Medium size 4 bulb plants.....\$30.00
Large size 4-6 bulb plants.....\$40.00
Extra large size plants, 6 bulbs or more.....\$50.00

#480

PARACEL (*Mildred Hunter X Clarissa*)

A new Stewart cross that is flowering some beautiful pinks. Shades range from dark rust red to glowing raspberry colors. Especially easy blooming and free flowering.

Flowering size plants — medium.....\$22.00
Large.....\$30.00; Extra large.....\$40.00

#1342

BABYLON, 'STEWARTS STRAIN'
(*Olympus, 'Giganteum' X Pauwelsii, 'Comte d'
Hemptinne,' FCC.RHS.*)

Our remake on this well known cross. Large light pink so far though other colors can be expected.

Strong 4 bulb plants.....\$30.00
Larger plants, 4-5 bulbs.....\$40.00
Largest, 5 bulbs or more.....\$50.00

#482

PIXIEANA (*Pixie, 'Almyra' X Pauwelsii,
'Comte d' Hemptinne,' FCC.RHS.*)

If "bronzes" are bred they should be good. Here we have lovely large flowers on fine sprays in rich autumnal colors.

Fine 4 bulb plants.....\$27.50
Larger 5-6 bulb plants.....\$37.50

#1302

**ALEXANDERI, 'WESTONBIRT,' FCC.RHS. X
REDSKIN**

First that have flowered here were very shapely dusty rose of Alexanderi, 'Westonbirt,' size and shape. Very promising cross.

Fine 4 bulb plants.....\$30.00
Fine 5 bulb plants.....\$37.50
Largest specimen plants.....\$50.00

Special ENCORE

OFFERING

Now!

BY POPULAR DEMAND

REPEATS OF 5

Proven Famous Hybrids

So often we hear this comment when fine cymbidiums are shown, "I certainly wish I had purchased some of those when they were offered as seedlings".

Now you can fulfill this wish

S-1448

ALDIS LAMP

ALEXANDER 'WESTONBIRT' FCC., RHS. + CARISBROOK

Sparkling pinks, soft rose shades, gracefully mottled whites.

S-1383

JUNGFRAU

ALEXANDER 'WESTONBIRT' FCC., RHS. + EAGLE 'HERITAGE'

Unchallenged as one of the finest white crosses ever made.
The famous diploid EAGLE HERITAGE used here.

S-1535

ROSARIO

ALEXANDER 'WESTONBIRT' FCC., RHS. + ROSETTE 'GREEN GOLD'

A brand new cross, large yellows of 'Westonbirt' form on strong spikes.

S-1474

JADE

ALEXANDER 'WESTONBIRT' FCC., RHS. + PEARL 'MASTIFF'

Reminiscent of the Orient—Cool greens, exotic yellows and sparkling whites.

S-1517

GLENDORA

ALEXANDER 'WESTONBIRT' FCC., RHS. + DORIS AUREA

A red red by a famous white to give you the pinks you want.

a Connoisseurs Collection of
FABULOUS ORCHIDS
on a piggy-bank budget

ONE EACH
or 5 of your choice
FOR ONLY \$21²⁵
(regular price \$25.00)

PRICES QUOTED ARE NET

AVERAGE LEAF LENGTH
12" TO 16"



QUEEN MARY, AM.RHS.
See 1496, 1501, 1474 for Solid Lip Parents



FANTASIA
See 1526 for Babylon, 'Carpentiers,' Cross



JENA BAILEY, 'CITRON'
See 1405, 1426, 1509 for Crosses This Type



CLAUDONA, 'RESOLUTE'
Fine Green

#1486 CYGNUS

CONINGSBYANUM, 'BROCKHURST,' AM.RHS. X
ALEXANDERI, 'WESTONBIRT,' FCC.RHS.

A famous hybrid remade with identical parents. . . . Those who have seen Cygnus want it! Lovely large flowers — whites, creams, yellows, light greens, all of fine shape on graceful long sprays. Flowers have good size. Splendid growers . . . Free flowering . . . Early blooming. Cross has tendency to flower on early side.

Robust seedlings, 12"-14" leaf length, each.....\$5.00

#1416 (Early Blooming Cross)

CONINGSBYANUM, 'BROCKHURST,' AM.RHS. X
EAGLE, 'HERITAGE'

Our very shapely early blooming pink Eagle parent has been crossed onto the famous early blooming Coningsbyanum. Eagle, 'Heritage,' is a diploid and is the result of crossing Eagle, 'Eyrie' X Eagle, 'F. K. Sander.' Most forms can be expected to be in light pink or light yellow shades. Season can be expected to be from December through February. Both parents very free blooming.

Robust plants with first seedling bulbs.....\$5.00

#1496

GABRIEL, 'ANGELUS' X
PAUWELSII, 'COMTE D' HEMPTINNE,' FCC.RHS.

Tetraploid seedlings. Since we first offered this cross we have found Gabriel, 'Angelus,' to be a tetraploid. Are bound to be some exciting things here. Some of the finest results from this Pauwelsii have been obtained where hybrids derived from Alexanderi, 'Westonbirt,' were used as the other parent. Gabriel, 'Angelus,' has waxy white sepals and petals of remarkable substance, the sepals carrying light pink blushing on their backs. Its brilliant ruby red lip is solidly colored and rivals the lip markings of Queen Mary, AM.RHS. To our knowledge this is the first hybrid offered from Gabriel, 'Angelus.' Shades of pink and rose through pleasing multicolors such as peach and apricot to yellows. Especially brilliantly colored lips can be expected.

Seedlings 12"-14" leaf length.....\$5.00

#1458

ALEXANDERI, 'WESTONBIRT,' FCC.RHS. X
SUSSEX, very fine rose red

Lovely shapely rose red used here with Westonbirt. Wherever Sussex used very free blooming qualities can be expected. Seedlings grow very well. Expectancy, pinks, whites, and some yellows. This is the first time we have ever offered this cross.

Fine plants, 12"-14" leaf length.....\$5.00

#1526

FLEUR DE LYS, 'STRAWBERRY' X
BABYLON, 'CARPENTIER'S'

The form of Babylon used here is a tetraploid. The two new and well known crosses Crescendo and Fantasia are from this Babylon. The Fleur de Lys parent is a very colorful pink of erect spike habit with strawberry overtones. Cross should run mostly to shades of pink. Many can be expected to be very fine.

Fine plants, 12"-14" leaf length.....\$5.00

#1434

JUNGFRAU, 'SNOW QUEEN,' FCC.AOS. X
PAUWELSII, 'COMTE D' HEMPTINNE,' FCC.RHS.

Just a few of this cross available. Cannot predict color expectancy. 8"-12" leaf length.....\$5.00

THE PROOF OF THE PUDDING

Since the publication of this catalog *two new seedlings* have come into flower that confirm our confidence in *Balkis*, 'Silver Orb,' AM.AOS. and *Babylon*, 'Castle Hill,' FCC.RHS. as outstanding parents. We want you to know about them.

First, we have strongly believed that new and superior hybrids would come from *Balkis*, 'Silver Orb,' AM.AOS. If superior breeding makes for better progeny, and that is not questioned, surely *Balkis*, 'Silver Orb,' has the best of breeding. It is from *Alexanderi*, 'Westonbirt,' FCC.RHS. X *Rosanna* — each a top stud in its own right.

A seedling of our cross #1480 (*Balkis*, 'Silver Orb' X *Carisona*, 'Glendessary') has flowered on a single bulb plant, producing two spikes with ten shapely white pink shaded flowers of good shape and substance with a four-inch spread. This we named LILLIAN STEWART. The plant flowered three years and seven months after the seed was sown. On a strong, matured plant this flower will be very fine. It is a preview of what *Balkis*, 'Silver Orb,' AM.AOS. will produce.

Second, we have seen a new seedling from *Babylon*, 'Castle Hill,' FCC.RHS. *Babylon*, 'Castle Hill,' is already established as an important breeder, the parent of such fine things as *Tinsel*, *Vieux Rose*, *Carillon*, and *Runnymede*. This new seedling (*Babylon*, 'Castle Hill,' FCC.RHS. X *Spartan Queen*) carried a vigorous spike of 10 well placed shapely clear pink flowers, each more than four inches across. The plant is about five years old.

Both of these seedlings were flowered by our client, Ralph Goodspeed of Riverside, Calif. We regard this early maturity as significant and as a characteristic of our genetically sound breeding program.

We thought you should know of this latest confirmation of the capabilities of *Balkis*, 'Silver Orb,' AM.AOS. and *Babylon*, 'Castle Hill,' FCC.RHS. We suggest you consider the crosses offered in the catalog from these two fine stud plants. These crosses are laboratory checked, genetically sound, and made only after careful research and study.



If your plans call for fine Cymbidiums tomorrow, you will want some of these fine seedlings today.

THREE GREAT PARTNERS IN PROGRESS

Balkis, 'Silver Orb,' AM.AOS.

Alexanderi, 'Westonbirt,' FCC.RHS.

Babylon, 'Castle Hill,' FCC.RHS.

FIRST OFFERING OF A SUPERB NEW CROSS

1507 *Verona*, 'Ruby' X

Pauwelsii, 'Comte d' Hemptinne,' FCC.RHS.

Here we have used the internationally known tetraploid Comte d' Hemptinne as the pollen parent onto our favorite *Verona*, 'Ruby.' *Verona* is a large pink diploid with ruby red lip. Seedlings superb growers. Expectancy mostly pinks of great vigor and free flowering qualities. Heavy banded lips can most certainly be expected to predominate.

Fine plants 12" - 18".....	\$5.00
First Bulb and Growth.....	\$6.50

Fred A. Stewart
HYBRIDIZER — GROWER

8606 E. LAS TUNAS DRIVE
SAN GABRIEL, CALIFORNIA

Your Satisfaction is Our Business

ATlantic 7-8974
ATlantic 7-0015



TREE SEAL (For sealing bulb cuts)

Pint can56

LABELS (White Celluloid)

Stick-in type 4 $\frac{3}{4}$ " x $\frac{3}{4}$ "each. 02
per 100 \$1.85

Copper wired type 3 $\frac{1}{2}$ " x 5/16"each .03
per 100 \$2.70

STAKES (Galvanized wire with top loop)

14" longeach .03

POT CLIPS (A "must" for staking spikes or identifying plants in pots)

Trial Package, assorted

24" and 30"6 for \$1.25 Postpaid

In lots of 1- 9915 each

In lots of 100-24913 each

In lots of 250-99912 each

STEWART'S SPECIAL CYMBIDIUM SOIL

(Laboratory proven — Time tested — Use "as is")

$\frac{3}{4}$ cu. ft. bag\$1.00

1 $\frac{1}{2}$ cu. ft. bag\$2.00

2 $\frac{1}{2}$ cu. ft. bag\$2.75

3 cu. ft. bag\$3.50

FIR BARK (The New Growing Medium)

All Nutrients Added — pH Adjusted

1 cu. ft. bag\$1.00

2 $\frac{1}{2}$ cu. ft. bag\$2.50

COOKES SLUG N' SNAIL

(Use $\frac{1}{4}$ amount required by other brands)

8 oz. dispenser can75

FLORISTS THREAD

2 oz. spool55

FUNGITOX 1 20

(Fungicide for control of leaf fungus)

1 pint bottle\$1.76

50% MALATHON SPRAY

(Insecticide for Red Spider and Scale)

5 fl. oz. bottle\$1.19

INSTANT VIGORO (19-28-14 Fertilizer)

8 oz. can80

16 oz. can\$1.25

WILSON'S ORCHID FERTILIZER (10-10-10)

12 oz. plastic bag\$1.00

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Home Orchid Growing (Northern)\$6.50

Orchids as House Plants (Northern)\$3.50

You Can Grow Orchids (Noble)\$1.98

Your First Orchids (Oregon)\$1.25

Cymbidium Hybrids and Awards\$3.00

Join the CYMBIDIUM SOCIETY

Become a member of the Cymbidium Society. Receive the benefits of the only organization devoted to Cymbidiums and other outdoor Orchids. Regular meetings held the fourth Tuesday each month, November to June, inclusive, at 175 No. Los Robles Ave., Pasadena, California. Cymbidium Society News issued to members monthly, October to June, inclusive.

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Admission Fee \$5.00 Single or Joint Membership Dues \$7.50

RESIDENTS OUT OF STATE

Single or Joint Membership Dues\$7.50

Now THE ANSWER TO SO MANY OF YOUR
PLANT and FLOWER TRAINING PROBLEMS



WONDERFUL — IMPROVED MODEL

P & H “Pot Clips”

2 Models — For CATTLEYAS For CYMBIDIUMS

- For staking up Cattleya Flowers
- Can be bent in any form
- *Stays there* when bent
- No need to ram stake or wire through roots
- Just clip on pot

FOR POT GROWN

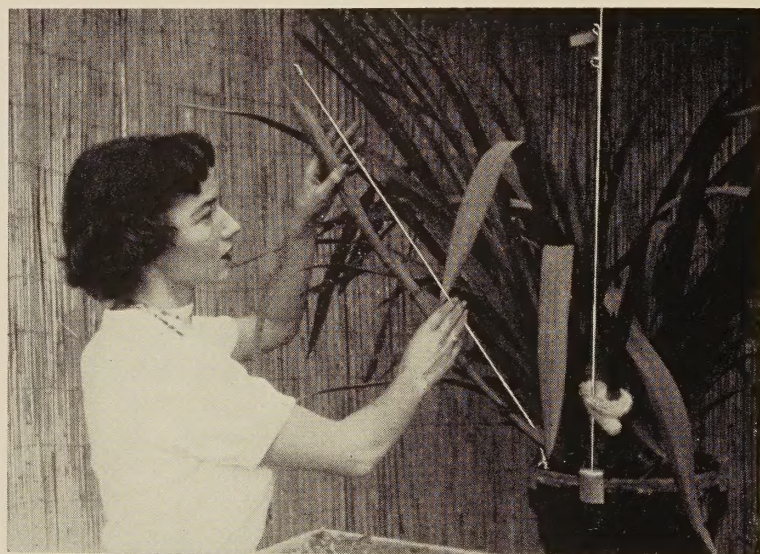
CYMBIDIUMS

We have a real Heavy Duty Model especially designed for Cymbidium growers.

Bend your stake if you wish.

Really holds your spikes where you want them.

Double loop on end lets you put your tag where you can see it.

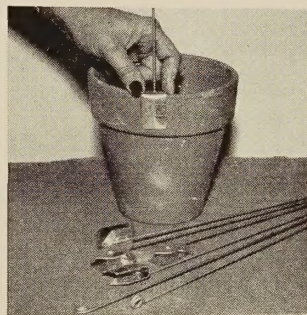


LOOP IS A SAFETY FEATURE, TOO. NO SHARP ENDS!

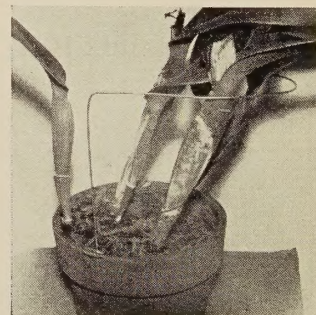


**EASY ON
EASY OFF**

But stays there firmly until you wish to use it elsewhere.



Just what you need if you grow Cattleyas in any of the looser bark or compost mixtures. Clip on — form a loop and there's your plant. Kept in place where you want it.



POT CLIP PRICES

Trial Package:

Assorted Cattleya and Cymbidium...5 for \$1.00 Postpaid
 Cymbidium.....6 for \$1.25 Postpaid

Cattleyas:

Each12¢
 In lots of 100, each.....10¢
 In lots of 250, each.....09¢
 In lots of 1000 or more, each.....08¢

Cymbidiums:

Each15¢
 In lots of 100, each.....13¢
 In lots of 250, each.....12¢
 In lots of 1000 or more, each.....10¢

Please Note: Cymbidium Clips available in medium and long sizes, 24 & 30 inch. Cattleya Clips 24". All prices f.o.b. San Gabriel.

CONDITIONS OF SALE

1. We reserve the right to limit quantities sold.
2. We do NOT make a packing charge on any order of \$10.00 or more. On orders of less than \$10.00, there is a \$1.00 charge.
3. Unless otherwise advised, shipment will be made via Railway Express, charges collect. We recommend Air Express (or Air Freight on large orders) for shipments outside of the United States and for shipments to be made during the winter months when there might be danger of the plants freezing en route. Small orders are shipped parcel post.
4. Claims for damaged shipments must be filed immediately with the carrier by the consignee. We make every effort to pack carefully, and our responsibility ends when the shipment is accepted by the carrier.
5. Unless your credit has been established with us, kindly enclose check, money order, or bank draft to cover payment of your order in full.
6. California purchasers add 3% state sales tax.
7. Prices subject to change without notice. All orders subject to prior sale.
8. Fred A. Stewart gives no warranty, express or implied, as to the productiveness of any of the plants we sell, and will not be any way responsible for the crop. Our liability in all instances is limited to the purchase price of these plants.
9. Plant Losses—Our reputation depends on the results you have and we make every effort to send you the finest possible stock. As they are living things, however, no one can guarantee that a given plant will thrive.

Important

May we substitute plants of equal or greater value in the same general type and quality for any variety that is sold out?

Quite often if we are permitted to make substitutions where advisable or necessary we can then send stock that is of better value and more to the customers wishes than stock specifically ordered.

We guarantee satisfaction on all orders.

Group #1

Beginners Collection

Mature Flowering Size,
EASY to Flower Varieties.

Plants consist of from three to six bulbs each.

All Correctly Labeled Hybrids.

Every one A DIFFERENT COLOR!

INDIVIDUAL PLANTS \$15.00 Each

Special Group Price

4

Plants Our Selection
Only

A \$60.00 Value

\$40⁰⁰

PRICE IS NET

Group #2

Special Collectors Group

(FOR THE CONNOISSEUR)

- We have made this Special Offering for those who insist on *Proven Quality*.
- Well Established Propagations off our Exhibition Varieties — Every single one of proven fine quality.
- Fine Well Rooted Plants to flower in from one to two years, selected from the following varieties and others of like quality.

Alexanderi
Arabella II
Aton
Bodmin Moor
Clare Armstrong
Falcon
Glasgow
Imbros

Jungfrau
Miranda
Nadina
Peri
Rosette
Swallow
Trancas
Verulam

INDIVIDUAL PLANTS \$17.50 Each

Special Group Price

4

Plants Our Selection

Tell Us
Your Color Preferences
"Quality Plus"
Plants Assured

\$52⁵⁰

A \$70.00 VALUE
PRICE IS NET



CYMBIDIUM MINUET (insigne X Pumilum)

OF EXCITING PROMISE FOR

TABLE DECORATIONS — several sprays in a bowl are complete. Last for weeks.

Corsages — wrist and hair — wedding bouquets.

For the man — a boutonniere to talk about.

Warmer growing —

Will flower under warmer conditions than other

Cymbidiums. Why not try a few if you live in a warmer clime.

#1393

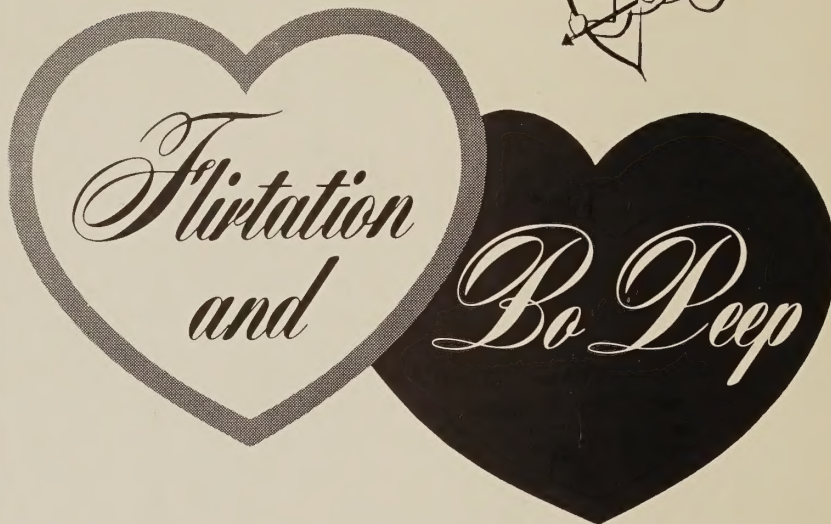
BO PEEP (*Purpureum* #B115 X *Pumilum*)

Cymbidium pumilum is a dwarf *Cymbidium* from China and Japan. The flowers of this variety are dark reddish maroon and are no larger than a person's thumb nail. When this rare species is crossed with a conventional *Cymbidium* with upright flower spike and clear pink coloring such as *Purpureum*, an extremely attractive miniature very much on the order of *Minuet* can be expected. The flowers of this variety will average from an inch to an inch and a half across.

Strong plants available - bulb with growth.....\$5.00
2-bulb plants\$10.00

To Capture Your Heart...

TWO EXQUISITE NEW
MINIATURE CROSSES



This unique and new race of dwarf growing, tiny flowered *Cymbidiums* has become popular almost overnight. Nothing in your entire collection will cause more surprise and excitement than these plants when they come into bloom with their scores of dainty pink and rose flowers, each an exact miniature of a normal size *Cymbidium* flower.

SOMETHING NEW! From far off JAPAN has come the Dwarf *Cymbidium* PUMILUM used here to breed these two charming miniature crosses.

- These sturdy little plants will be compact growers — full size about 18 to 24 inches high when in bloom.
- Can be expected to have around 15 flowers erectly carried on sturdy spikes well above the graceful green foliage.
- Imagine a plant in a five or six inch pot with up to 100 lovely flowers at one time.

WARMER GROWING — We have found that hybrids of this type grow and flower well under much warmer conditions than most other types. If you live in a part of the world where you have had to admire *Cymbidiums* from afar — we suggest you try a few plants of these crosses.

#1394

FLIRTATION (*Zebra* #235 X *Pumilum*)

In this cross we used *Cymbidium Zebra* (*Dryad* X *insigne*) because of its erect spike habit and fine shape. The flowers were white with a light pink blushing. Lip spotted and striped crimson throughout. Here, as in *Bo-Peep*, the object has been to assure that the miniature flowers will be carried on strong erect spikes well above the foliage and well spaced on the spike.

Strong 1-bulb plants with growths, \$5.00 each. Larger plants available at \$5.00 a bulb in \$10.00, \$15.00, and \$20.00 sizes.

Early blooming —

For the winter holidays —

Is space a problem?

Why not try Miniatures?